

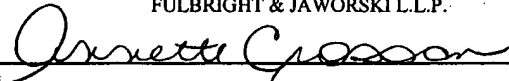
1642

VIA FIRST CLASS MAIL

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FULBRIGHT & JAWORSKI L.L.P.

By

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : JAGER, et al.

Serial No. : 09/451,739

Filed : November 30, 1999

For : ISOLATED NUCLEIC ACID MOLECULES ENCODING
CANCER ASSOCIATED ANTIGENS, THE ANTIGENS
PER SE, AND USES THEREOF

Group Art Unit : 1642

Examiner : G. Nickol

October 4, 2001

Hon. Commissioner of Patents
and Trademarks
Washington, D.C. 20231

LETTER

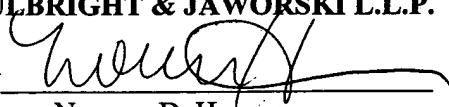
In response to the office action of September 25, please replace the paper copy of the sequence listing and CRF of same with the attached.

The undersigned hereby declares that to the best of his knowledge, the information presented on the attached paper copy of sequence listing and computer readable form thereof are identical to each other and to information set forth in the above referenced patent application as filed. No new matter is believed presented.

Respectfully submitted,

FULBRIGHT & JAWORSKI L.L.P.

By



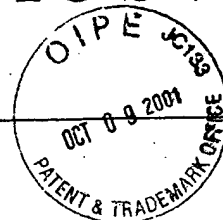
Norman D. Hanson
Reg. No. 30,946

666 Fifth Avenue
New York, New York 10103
(212) 318-3000

#25079772v1<IPT> -PTO ltr. encl. sequence listing.wpd

DISK TO STIC

DATE:



**NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING
NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES**

Applicant must file the items indicated below within the time period set the Office action to which the Notice is attached to avoid abandonment under 35 U.S.C. § 133 (extensions of time may be obtained under the provisions of 37 CFR 1.136(a)).

The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 C.F.R. 1.821 - 1.825 for the following reason(s):

- ☒ 1. This application clearly fails to comply with the requirements of 37 C.F.R. 1.821-1.825. Applicant's attention is directed to the final rulemaking notice published at 55 FR 18230 (May 1, 1990), and 1114 OG 29 (May 15, 1990). If the effective filing date is on or after July 1, 1998, see the final rulemaking notice published at 63 FR 29620 (June 1, 1998) and 1211 OG 82 (June 23, 1998).
- ☐ 2. This application does not contain, as a separate part of the disclosure on paper copy, a "Sequence Listing" as required by 37 C.F.R. 1.821(c).
- ☐ 3. A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 C.F.R. 1.821(e).
- ☒ 4. A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 C.F.R. 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing."
- ☐ 5. The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A Substitute computer readable form must be submitted as required by 37 C.F.R. 1.825(d).
- ☐ 6. The paper copy of the "Sequence Listing" is not the same as the computer readable form of the "Sequence Listing" as required by 37 C.F.R. 1.821(e).
- ☐ 7. Other:

Applicant Must Provide:

- ☒ An initial or substitute computer readable form (CRF) copy of the "Sequence Listing".
- ☒ An initial or substitute paper copy of the "Sequence Listing", as well as an amendment directing its entry into the specification.
- ☒ A statement that the content of the paper and computer readable copies are the same and, where applicable, include no new matter, as required by 37 C.F.R. 1.821(e) or 1.821(f) or 1.821(g) or 1.825(b) or 1.825(d).

For questions regarding compliance to these requirements, please contact:

For Rules Interpretation, call (703) 308-4216

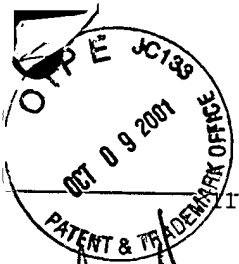
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10> Jager, Dirk
Scanlan, Matthew
Gure, Ali
Jager, Elke
Knuth, Alexander
Old, Lloyd
Chen, Yao-tseng

<120> Isolated Nucleic Acid Molecules Encoding Cancer Associated Antigens,
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 Asp Ser Thr 225 Ser Leu Ser Lys Ile Leu Asp Thr Val His Ser Cys Glu 240
 Arg Ala Arg 245 Glu Leu Gln Lys Asp His Cys Glu Gln Arg Thr Gly Lys 255
 Met Glu Gln 260 Met Lys Lys Lys Phe Cys Val Leu Lys Lys Lys Leu Ser 270
 Glu Ala Lys 275 Glu Ile Lys Ser Gln Leu Glu Asn Gln Lys Val Lys Trp 285
 Glu Gln Glu 290 Leu Cys Ser Val Arg Leu Thr Leu Asn Gln Glu Glu Glu 300
 Lys Arg Arg 305 Asn Ala Asp Ile Leu Asn Glu Lys Ile Arg Glu Glu Leu 320
 Gly Arg Ile 325 Glu Gln His Arg Lys Glu Leu Glu Val Lys Gln Gln 335
 Leu Glu Gln 340 Ala Leu Arg Ile Gln Asp Ile Glu Leu Lys Ser Val Glu 350
 Ser Asn Leu 355 Asn Gln Val Ser His Thr His Glu Asn Glu Asn Tyr Leu 365
 Leu His Glu 370 Asn Cys Met Leu Lys Lys Glu Ile Ala Met Leu Lys Leu 380
 Glu Ile Ala 385 Thr Leu Lys His Gln Tyr Gln Glu Lys Glu Asn Lys Tyr 400
 Phe Glu Asp 405 Ile Lys Ile Leu Lys Glu Lys Asn Ala Glu Leu Gln Met 415
 Thr Leu Lys 420 Leu Lys Glu Glu Ser Leu Thr Lys Arg Ala Ser Gln Tyr 430
 Ser Gly Gln 435 Leu Lys Val Leu Ile Ala Glu Asn Thr Met Leu Thr Ser 445
 Lys Leu Lys Glu Lys Gln Asp Lys Glu Ile Leu Glu Ala Glu Ile Glu

100
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 35 40 45
 Leu Thr Arg Gly Trp Gly Arg Ala Trp Pro Trp Lys Gln Ile Leu Lys
 50 55 60
 Glu Leu Asp Glu Cys Tyr Glu Arg Phe Ser Arg Glu Thr Asp Gly Ala
 65 70 75 80
 Gln Lys Arg Arg Met Leu His Cys Val Gln Arg Ala Leu Ile Arg Ser
 85 90 95
 Gln Glu Leu Gly Asp Glu Lys Ile Gln Ile Val Ser Gln Met Val Glu
 100 105 110
 Leu Val Glu Asn Arg Thr Arg Gln Val Asp Ser His Val Glu Leu Phe
 115 120 125
 Glu Ala Gln Gln Glu Leu Gly Asp Thr Val Gly Asn Ser Gly Lys Val
 130 135 140
 Gly Ala Asp Arg Pro Asn Gly Asp Ala Val Ala Gln Ser Asp Lys Pro
 145 150 155 160
 Asn Ser Lys Arg Ser Arg Arg Gln Arg Asn Asn Glu Asn Arg Glu Asn
 165 170 175
 Ala Ser Ser Asn His Asp His Asp Asp Gly Ala Ser Gly Thr Pro Lys

1 cont.

180 185 190

Glu Lys Lys Ala Lys Thr Ser Lys Lys Lys Arg Ser Lys Ala Lys
 195 200 205

Ala Glu Arg Glu Ala Ser Pro Ala Asp Leu Pro Ile Asp Pro Asn Glu
 210 215 220

Pro Thr Tyr Cys Leu Cys Asn Gln Val Ser Tyr Gly Glu Met Ile Gly
 225 230 235 240

Cys Asp Asn Asp Glu Cys Pro Ile Glu Trp Phe His Phe Ser Cys Val
 245 250 255

Gly Leu Asn His Lys Pro Lys Gly Lys Trp Tyr Cys Pro Lys Cys Arg
 260 265 270

Gly Glu Asn Glu Lys Thr Met Asp Lys Ala Leu Glu Lys Ser Lys Lys
 275 280 285

Glu Arg Ala Tyr Asn Arg
 290 294